

CLAIMS

1. A refuse compactor comprising at least one roller secured to a chassis characterised in that the chassis has a coupling for releasably securing the chassis to a boom of a front-end loader.
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2. A compactor as claimed in claim 1 in which a pair of independently rotatable rollers are secured to the chassis.
- 10 3. A compactor as claimed in claim 2 in which the rollers are secured to a central axle.
4. A compactor as claimed in any one of the preceding claims in which the or each roller has a plurality of cleats thereon.
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5. A compactor as claimed in claim 4 in which the cleats are formed in rows about the circumference of the or each roller.
- 20 6. A compactor as claimed in claim 4 or claim 5 in which each cleat is formed from two halves offset from each other along a circumference of the roller.
7. A compactor as claimed in claim 6 in which the edges of half of each cleat taper to a flat end.
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8. A compactor as claimed in claim 6 or claim 7 in which half of each cleat extends from a circumferential flange on the roller.
- 30 9. A compactor as claimed in claim 8 in which the flanges are spaced apart.

10. A compactor as claimed in any one of claims 2 to 9 in which the chassis is at least partly rotatable with respect to the coupling.
- 5 11. A compactor as claimed in claim 10 in which the coupling is rotatably secured to a shaft extending across the chassis intermediate the rollers.
12. A compactor as claimed in claim 11 in which a stabiliser mechanism restricts rotation of the chassis with respect to the coupling.
- 10 13. A compactor as claimed in claim 12 in which the stabiliser mechanism provides a downward bias on the chassis on either side of the shaft.
- 15 14. A compactor as claimed in claim 12 or 13 in which the stabiliser mechanism provides stops to limit the extent of rotation of the chassis with respect to the coupling.
- 20 15. A compactor as claimed in any one of claims 12 to 14 in which the stabiliser mechanism includes at least one lock to secure the chassis and coupling against relative motion.
- 25 16. A compactor as claimed in any one of claims 5 to 15 in which at least one scraper extends from the chassis between each row of cleats on each roller.
17. A compactor as claimed in claim 16 in which a pair of scrapers extends from opposite sides of the chassis between each row of cleats.
- 30 18. A compactor as claimed in claim 16 or claim 17 in which the scrapers are made of a spring steel.

19. A compactor as claimed in any one of the preceding claims in which there is a means to restrict the height to which the chassis can be lifted by a boom.
- 5 20. A cleat for a roller characterised in that the cleat is formed from two halves offset from each other along a circumference of the roller.
21. A cleat as claimed in claim 20 in which the edges of each half of each cleat taper to a flat end.
- 10 22. A cleat as claimed in claim 20 or claim 21 in which each half of each cleat extends from a circumferential flange on the roller.
23. A cleat for a roller substantially as herein described and as illustrated in Figure 1.
- 15 24. A compactor substantially as herein described and as illustrated in Figures 1 to 4.